

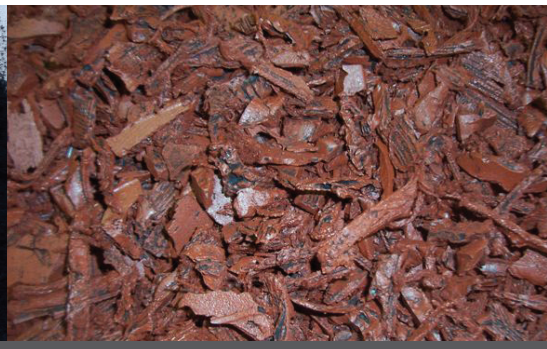

Tire-Derived Material Feedstock

As illustrated throughout this catalog, the number of diverse products made from recycled tire rubber is growing steadily. These products are made possibly by California's producers of tire-derived material (TDM) which is used as feedstock in fabricating or installing tire-derived products. Tire-derived material is size reduced passenger and truck tires that have been processed into raw materials meeting established specifications, for use in a variety of manufacturing and industrial processes. California has a well-developed infrastructure for processing discarded whole tires. Tire processors typically first inspect incoming loads of discarded tires to sort out those suitable for reuse. Tires are then run through a series of automated grinders and separation devices to reduce them in size and to remove wire and fiber in varying degrees.

TDM varies in size and refinement, and includes fine mesh crumb rubber used to produce molded rubber products, as well as shreds up to 12 inches large used in civil engineering applications. TDM of varying specifications is used in the road construction, outdoor surfacing, playground surfacing, sealants, coatings, sports fields and other products described in this catalog. TDM has proven to be an effective manufacturing raw material that can enhance a product's safety, durability and other performance characteristics.

Tire-Derived Material Feedstock Benefits May Include:

- Cost savings
- Environmentally safe
- Impact absorbing
- Diverts tires from landfills
- Longevity
- Durability

Tire-Derived Material Feedstock Applications May Include:

- Fine mesh crumb rubber used to produce molded or extruded products
- Crumb rubber used in applications such as
  - Paving
  - Athletic field infill
  - Playground surfacing
  - Building construction products
  - Commercial landscaping products
- Ground rubber used to produce rubber mulch or playground surfacing
- Tire-derived aggregate used in civil engineering applications
- Tire shreds used as tire-derived fuel